

Shattuckite $[\text{Cu}_5(\text{SiO}_3)_4(\text{OH})_2]$

Shattuckite is a relatively rare copper silicate mineral first discovered in 1915 in the copper mines of Bisbee, Arizona. Forming as an alteration from other copper minerals, Shattuckite is considered to be a pseudomorphic replacement of malachite. A pseudomorph is a mineral that maintains the original mineral's physical habit but undergoes a complete chemical alteration. Shattuckite's brilliant-blue to turquoise color and spherulitic aggregates visually contrast with dark green malachite and deep blue azurite—both copper minerals typically associated with shattuckite. P3



Quartz on Shattuckite P3



Shattuckite G14